

A
CATALOGUE
OF
MINERALS
IN THE
MUSEUM

OF
Anderson's Institution, Glasgow.

GLASGOW,

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This Catalogue is printed for the use of those who attend the Lectures of the Institution. The Minerals are arranged according to the Tables lately published by Dr. Babington. This System comprehends four Classes, viz. Salts, Earths, Metals, and Inflammable Substances; to these is added an Appendix, containing Marbles and Petrefactions. These Substances would come properly among the Carbonats of Lime; but, as the number of Specimens is considerable, and many of them very beautiful, it was found most convenient to keep them in some measure distinct. Whenever the place where the Specimen was procured, is known, it is put down, with a view of assisting those who wish to make Collections.

CLASS I.

SALTS.

- No.
- 1 Borat of Soda—Tincal, from the East Indies.
 - 2 Muriat of Soda—Rock Salt, from Cheshire.
 - 3 Red Muriat of Soda, from Cheshire.
 - 4 Muriat of Soda, from America—Sal Gem.
 - 5 Do. do. do.
 - 6 Stratum of Rock Salt, from Cheshire.
 - 7 Sulphat of Argill—Alum.
 - 8 Do. do. Scotland.
 - 9 Plumose Native Alum, from Italy.
 - 10 Beautiful Plumose Alum, from the gold mines of Hungary.
 - 11 Do. do. from the North of Scotland.
 - 12 Alum Shift, from Whitby in Yorkshire.
 - 13 Alum Slate, from Andrarum in Sweden.
 - 14 Sulphat of Copper, from Italy.
 - 15 Sulphat of Iron—Green Vitriol, from Vesuvius.
 - 16 Do.
 - 17 Do.
 - 18 Do.
 - 19 Sulphat of Zinc—White Vitriol, from Ram-melsberg.
 - 20 Muriat of Ammoniac, from Vesuvius.
 - 21 Muriat of Ammoniac Albescent, from a Volcano near Saarbruck, Germany.
 - 22 Native Soda, or Fossil Alkali.

CLASS II.

EARTHS.

GENUS FIRST.

CALCAREOUS.

- 1 Pure Lime.

No.

CARBONAT OF LIME.

- 2 Crystallized in compressed rhomboidal parallelo-
pepids.
- 3 In lengthened rhomboidal paralleloepids.
- 4 Do. from Derbyshire.
- 5 Do.
- 6 In hexagonal prisms, with trihedral pyramids,
with pentagonal faces.
- 7 The same, from Stirlingshire.
- 8 Do. do.
- 9 The same, having the solid angle of the pyramid
more or less truncated.
- 10 The same, completely truncated—Arragon Spar.
- 11 In acute hexhedral pyramids, from Leadhills.
- 12 Do. do.
- 13 In acute hexedral pyramids, with an intermediate
prism, Dog Tooth, or 18 sided Spar.
- 14 Lenticular Spar, from Derbyshire.
- 15 Do. do.
- 16 Do. from Leadhills.
- 17 Do. do.
- 18 Conical Stalactites, from France.
- 19 Conical Stalactites, from several places.
- 20 Do. do. from Icolmkill.
- 21 Two polished Slabs of Stalactites, from Derby-
shire.
- 22 Cylindrical Stalactite, from Dauphineé, France.
- 23 Tubular Stalactites, from the cave near Slains.
- 24 Ramose do. from do.
- 25 Bubbled Globular Stalactites.
- 26 Stalactites Globularis—Pisolithos, from Carlsbad,
Bohemia.
- 27 Amorphous Shell Limestone, from Kilbride.
- 28 Blue Limestone, from Kilsyth.
- 29 Grey Limestone, from Hawkhead, near Paisley.
- 30 Blue Limestone, from the Hurlett, near Paisley.
- 31 White Limestone, from Ireland.
- 32 White Limestone, from Jamaica.
- 33 Red Limestone, from Lancashire.
- 34 Black Limestone, from Wales.

No.

- 35 Black Limestone, from Derbyshire.
- 36 Foliated Limestone, from Norway.
- 37 Do. do. from several places.
- 38 Do. do.
- 39 Granular Limestone.
- 40 Arenaceous Limestone, from Gloucestershire.
- 41 Common Chalk, from Surrey.
- 42 Agaric Mineral, from Sweden.
- 43 Slaty Chalk, from Surrey.
- 44 Marga Indurata—Tophus, from Germany.
- 45 Tophus, from America.
- 46 Swinestone—Lapis Suillus, from Sweden.

FLUAT OF LIME.

- 47 Incubes, from Derbyshire.
- 48 Do.
- 49 Do. purple coloured.
- 50 Do. blue.
- 51 Do. with grains of Pyrites.
- 52 Do. pure white.
- 53 Solid purple Spar, from Derbyshire.
- 54 Do. green, from Cornwall.
- 55 Do. yellow, from Derbyshire.
- 56 A polished piece of do. flat and transparent.
- 57 Do. in the form of an Egg.

PHOSPHAT OF LIME.

- 58 A piece of the Bone Rock at Gibraltar.

SULPHAT OF LIME.

- 59 In rhomboidal decahedrons, from Mont Martre, near Paris.
- 60 In rhomboids, from Oxfordshire.
- 61, 62, 63, 64, 65, and 66, Rhomboidal, from Oxfordshire.
- 67 Yellow Cuneiform Selenite, from Mont Martre.
- 68 Lenticular, from Oxfordshire.
- 69, 70, and 71, Do.
- 72 Selenitic Drusen, from do.
- 73 Transparent Gypsum, from Switzerland.

No.

- 74 Gypsum with Glacies Mariæ, from Nantwich,
Cheshire.
- 75 Do. from the banks of the Severn.
- 76 Ramose Gypsum, from Norway.
- 77 Red Amorphous Gypsum, from Campsie.
- 78 Micaceous Gypsum, from Lincolnshire.
- 79 Do. red coloured, from do.
- 80 Gypsum, from Ireland.
- 81 White Micaceous Gypsum, from Worcestershire.
- 82 White Gypseous Earth, from Saxony.
- 83 Do. from Mont Martre.
- 84 Foliated Gypsum, from Worcestershire.
- 85 Granular Gypsum, from do.
- 86 Do. do. from the Lorraine, France.
- 87 Fibrous Gypsum, from Derbyshire.
- 88 Do. from Lincolnshire.
- 89 Do. from Aberdeenshire.
- 90 Do. from Bergie, France.
- 91 An Oyster Shell, in the act of being converted
into Gypsum.
- 92 Do. do. both from Oxfordshire.
- 93 Alabaster, a bottle and a printing type, from
China.

GENUS SECOND.

STRONTIANITE.

- 94, 95, 96, and 97, Carbonate of Strontianite,
with Ponderous Spar.

GENUS THIRD.

BARYTES.

- 98 Pure Ponderous Earth.

CARBONAT OF BARYTES.

- 99 Striated from Bologna in Italy.
- 100 Do. from Auvergne, France.
- 101 Do. called Stella Septarii, from the Isle of Shep-
py, Kent.
- 102 Do. do.

No:

- 103 Foliated, from Auvergne, France.
- 104 Druse of foliated Crystals, from Derbyshire.
- 105 Foliated Drusen, from Strontian.
- 106 Amorphous, from Stirlingshire.

SULPHAT OF BARYTES.

- 107 The Coxcomb Spar from Derbyshire.
- 108 Do. do.
- 109 Do. from Strontian.
- 110 Amorphous from Leadhills.
- 111 Do. do.
- 112 Do. from Westmoreland.
- 113 Do. Red, from the Hartz mines.

GENUS FOURTH.

MAGNESIAN.

- 114 Pure Magnesia.
- 115 Talc in large Plates, from Russia.
- 116 Talc in small Plates, from Norway.
- 117 Shistose Talc, from Icolmkill.
- 118 Muscovy Talc.
- 119 Lapis Ollaris—Pot Stone, from Norway.
- 120 Do. from Sweden.
- 121 Do. from China.
- 122 Striated Indurated Steatites, from the Soap Rock, Cornwall.
- 123 White Steatites—Sebum Fossile—Cornwall.
- 124 Variegated Steatites, from do.
- 125 Black Steatites, from Pennsylvania.
- 126 Soap Stone, Cornwall.
- 127 Serpentine Stone, from Saxony.
- 128 Do. from France.
- 129 Polished Slab of Serpentine, from Portfoy.
- 130 Do. with Asbestos, from Portfoy.
- 131 Do. from Sweden.
- 132 Nephritic Asbestos, from Portfoy.
- 133 Do. from near Aberdeen.
- 134 Do. from Alloa.
- 135 Striated Asbestos, from Icolmkill.

- No.
 136 Striated Asbestos, from Icolmkill.
 137 Fibrous Asbestos, from the Ochil Hills.
 138 Do. from Portfooy.
 139 Do. do.
 140 Fine Silky Asbestos, from France.
 141 Do. do. Scotland.
 142 Very fine do. Scotland.
 143 Amianthus, from China.
 144 Mountain Cork, from Spencelcombe, Devonshire.
 145 Membranaceous Mountain Cork, from do.
 146 Do do.
 147 Corium Montanum, from do.
 148 Lapis Nephriticus—Jade, from Icolmkill.

GENUS FIFTH.

ARGILL.

- 149 Pure Argill.
 150 A Specimen of China made in France.
 151 Five Clays of which the China is made.
 152 Porcelain Clay, from Cornwall.
 153 Coarse Porcelain Clay, from do.
 154 Very fine Porcelain Clay, Scotland.
 155 Porcelain Clay, from Saxony.
 156 Do. from Tyndrum.
 157 Yellow Clay, from Flanders.
 158 Yellow Clay, from Oxfordshire.
 159 Do. do. from Exeter, Devonshire.
 160 Flesh coloured Clay, from Hampshire.
 161 Red Clay, from do.
 162 Pool Clay, from Dorsetshire.
 163 Clay, from Furland in Jutland, Denmark.
 164 Common Pipe Clay, from England.
 165 Blue Clay, from Oxfordshire.
 166 Blackish Clay, from France.
 167 Blue Clay, from Exeter in Devonshire.
 168 Stourbridge Fire Clay.
 169 Whitish Clay, from Mont Martre, near Paris.
 170 Indurated Pipe Clay.

- No.
 171 Black Clay, from France.
 172 Blue Clay, from Devonshire.
 173 Shale or Shiver, from Devonshire.
 174 Shale, from Camlachie coal pits.
 175 Shale, with the impressi^{on} of an American Fern,
 found near Glasgow.
 176 Shale, with the impressi^{on} of the bark of the
 Pine, from Camlachie coal pits.
 176 Shale, with the leaves of plants, from do.
 177 A cylindrical piece of Shale very common in
 coal pits.
 178 Lithomarga—Stone Marrow, from Saxony.
 179 Do. from the Isle of Sky.
 180 Do. from the Wunsidel in Bareith.
 181 Do. from Fifeshire.
 182 Do. from the Island of Ilay.
 183 Common Fullers Earth, from Surrey.
 184 Coarse do. from do.
 185 Crystalized Bole, from the Archipelago.
 186 Indurated Bole, from Germany.
 187 Red and Brown Lemnian Earth, from Turkey.
 188 Red Armenian Bole.
 189 Red Bole, from Derbyshire.
 190 Red Bole, from Upton Line, Exeter, Devonshire.
 191 Red Bole, from Mosketto.
 192 Fine Orange Bole, from Wales.
 193 Brown Bole, from Silesia.
 194 Fine Terre Verte, from Italy.
 195 Coarse do. from do.
 196 Rubric, from Renfrewshire.
 197 Red Ochre, from Prinsnitz, Germany.
 198 Do. from Kincardine.
 199 Yellow Ochre, from Aleppo.
 200 Yellow Ochre, from Ireland.
 201 Do. from Derbyshire.
 202 Do. from Kilbride.
 203 Do. found near the Town's Mill, Glasgow.
 204 Do. coarse, found near Paisley.
 205 Naples Yellow.
 206 Black Ochre, from Portaway Lead Mines.

- No:
 207 Black Chalk, from the Milanese, Italy.
 208 Umber, from Gloucestershire.
 209 Do. from Derbyshire.
 210 Blue Ochre, from Aberdeenshire.
 211 Flesh coloured Tripoli, from Germany.
 212 Tripoli Earth.
 213 Tripoli—The Rotten Stone of Derbyshire.
 214 Tripoli—Toledo Earth.
 215 Tripoli, from Mr. Campbell's Estate, Gariscube.
 216 Flesh coloured Tripoli, from Germany.
 216 Tripoli, from Dumbarton.
 216 Flesh coloured Tripoli, from Germany.
 217 Blueish Terra Puzzolara, from Italy.
 218 Grey Puzzolana, from Italy.
 219 Brown Puzzolana.
 220 Golden coloured Mica, from Torrymuir, Scotland.
 221 Do. from Germany.
 222 Silver coloured Mica, from Cornwall.
 223 Do. from Derbyshire.
 224 Green Mica, from near Strontian.
 225 Do. from Norway.
 226 Mica, from the Isle of Guernsey.
 227 Hornblende, from Sweden.
 228 Hornblende, or Short en Masse, from Icolmkill.
 229 Green crystallized Basaltes, Scotland.
 230 Fibrous Basaltes, in loose Granite, from Cornwall.
 231 Basaltes, in hexagonal columns, from Ireland.
 232 Basaltes—Trapp, from do.
 233 Do. from Staffa.
 233 Do. from Sweden.
 234 Argillaceous Shiftus, or common table Slate.
 235 Argillite, or Killas, from Derbyshire.
 236 Navaculite—Whetstone or Hone, from Wales.
 237 Do. do.

GENUS SIXTH.

SILEX.

- 238 Pure Silicious Earth.

- No.
 239 Diamond.
 240 Sapphires.
 241 Topaz of Brazil.
 242 Beryl.
 243 Rubies, from the East Indies.
 244 Green Emeralds, from the Brazils.
 245 Garnets, crystallized, presenting 12 rhomboidal planes, from Torrymuir.
 246 Do. in their beds, from Norway.
 247 Do. from the East Indies.
 248 Tourmalins, from the East Indies.
 249 Yellow Shorl, in six sided prisms, from Dauphinée.
 250 White six sided Shorl, with Ochre of Iron.
 251 Crystals of Shorl, from France.
 252 Yellow Lenticular Shorl, from Dauphinée.
 253 Black radiated Shorl, from the Tin Mines, Cornwall.
 254 Green Shorl, from Norway.
 255 Amethysts.
 256 Amorphous Rock Crystal, from North America.
 257 Do. do. from France.
 258 Rock Crystal, in hexagonal columns, terminating in a pyramid at both ends, Scotland.
 259 Rock Crystals, Scotland.
 260 Double pointed Rock Crystals, or Limestone, from Lead Hills.
 261 Do. from Buxton, Derbyshire.
 262 Beautiful Rock Crystals, from Aberdeen.
 263 Do. do.
 264 A single regularly formed Crystal, from Carrin-
 gorum.
 265 Do. do.
 266 Brown Crystal, from Saxony.
 267 Amethystine Rock Crystal, from Germany.
 268 Quartz Crystal from Lead Hills.
 269 Do. do.
 270 Do. from Derbyshire.
 271 Amorphous Quartz, Glasgow.
 272 Do. do.

- No.
- 273 Reddish Quartz, Glasgow.
 - 274 Pure White Quartz, from Sweden.
 - 275 Sparry Quartz, from Hungary.
 - 276 Obsidian, or Iceland Agate.
 - 277 Chalcedony, from Iceland.
 - 278 Do. from the East Indies.
 - 279 Do. from Derbyshire.
 - 280 Do. from the East Indies.
 - 281 Do. with figures—the Mocha Stone, from the East Indies.
 - 282 The Red Cornelian, from the East Indies.
 - 283 Rough Cornelians, from the East Indies.
 - 284 Do. do. do. polished.
 - 285 The Onyx, a polished Slab.
 - 286 Do. do.
 - 287 Polished Agates, Scotland.
 - 288 Do. do.
 - 289 Do. Redish.
 - 290 Do. Brownish, from England.
 - 291 Do. Bluish, Scotland.
 - 292 Do. Red, from Germany.
 - 293 Do. Red, Scotland.
 - 294 Hollow crytallized Agates—Scotland.
 - 295 A large do. from do.
 - 296 Opals, polished.
 - 297 The Cat's Eye, from Germany.
 - 298 The Cat's Eye, polished flints.
 - 299 Common Flint, from Surrey.
 - 300 Do. do. Scotland.
 - 301 Hornstone, Chert, or Petrofilex, from Westmorland.
 - 302 Chert, from Derbyshire.
 - 303 Bafanite or Lydian Stone, Scotland.
 - 304 Red variegated Jasper, from Saxony.
 - 305 Red and White Jasper, from the Isle of Anglesey.
 - 306 Red and White Jasper, from England.
 - 307 Do. do. from Campsie.
 - 308 Do. do. from Arthur's Seat.
 - 309 Red Jasper, from Italy.

No.

- 310 Red Martial Jasper, from Wales.
- 311 Green and Red Jasper, from Icolmkill.
- 312 Green and White Jasper, from do.
- 313 Green and Red Jasper, from do.
- 314 Green Jasper, from do.
- 315 Heliotrope, or Blood Stone Jasper.
- 316 Do. from the East Indies.
- 317 White Jasper, from Derbyshire.
- 318 Black Jasper, from Denmark.
- 319 Black Jasper, from Siberia.
- 320 The Egyptian Pebble, Jasper.
- 321 Do. do.
- 322 Woodstone, from Iceland, and from the West Indies.
- 323 Crystallized Felspar, from Strontian.
- 324 Red Felspar, from Saxony.
- 325 Do. Scotland.
- 326 Brownish Felspar, from Norway.
- 327 Whitish Felspar, from Cornwall.
- 328 Whitish Felspar, from Leadhills.
- 329 Lapis Lazuli, from Persia.
- 330 Lapis Lazuli.
- 331 Tuberous *Ædelite*.
- 332 Cubic Zeolite, from Strontian.
- 333 Cubic Zeolite, from Derbyshire.
- 334 Cubic and Plumose Zeolite, from Strontian.
- 335 Hexagonal Zeolite, from do.
- 336 Striated Zeolite, from Iceland.
- 337 Do. from Leadhills.
- 338 Do. from North Faro.
- 339 Do. called *Stella Septarii*, from Kent.
- 340 Amorphous Zeolite, from North Faro.
- 341 Do. from Staffa.
- 342 Zeolite Investing Limestone, from Icolmkill.

GENUS SEVENTH.

JARGONIA.

- 343 Jargons, polished and rough, from Ceylon.

No.

MIXED EARTHS AND STONES.

- 344 Marl—Argillo Calcite, semi-indurated, from France.
- 345 Fine laminated semi-indurated Marl, from Bamffshire.
- 346 Semi indurated Marl, from Camlachie.
- 347 Indurated Marl, from Staffordshire.
- 348 Blue Marl, from Kilbride.
- 349 Loose Marl, from Strathmore.
- 350 Shell Marl, from the Highlands.
- 351 Limestone, with Argillite, Egyptian Marble.
- 352 Ferruginous concretion, from Essex.
- 353 Fire Stone, from Surrey.
- 354 Purbeck Stone.
- 355 Portland Stone.
- 356 Bath Stone.
- 357 Gloucester Stone.
- 358 Ketton Stone, from Rutlandshire.
- 358 Calcareous Sandstone, from Gloucestershire.
- 359 Calcareous Brescia., from Yorkshire.
- 360 Do. from Devonshire.
- 361 Do. called Marmor Lumachella.
- 362 Serpentine Porphyry, from Italy.
- 363 Argillaceous Sandstone—The Mill Stone.
- 364 Do. do.—The Grind Stone.
- 365 Do. do.—The Scythe Stone
- 366 Amygdaloides, from Saxony.
- 367 Do. do.
- 368 Do. from the Isle of Arran.
- 369 Shistose Mica, from Portfoy.
- 370 Red Loose Granite.
- 371 Red Granite.
- 372 Do. do.
- 373 Greyish do.
- 374 Grey Granite, from Aberdeen.
- 375 Do. do. a boulder, Glasgow.
- 376 Black Granite, Glasgow.
- 377 Red Granite, do.
- 378 Sienite—The Gronstein of Cronstedt, from Sweden.

- No.
 379 Sienite—The Gronstein of Gronstedt, from Sweden.
 380 Do. in a state of decay, found near Glasgow.
 381 Granitine—Quartz, Felspar & Shorl, Glasgow.
 382 Do. from Dorsetshire.
 383 Do. another kind.
 384 Do. Quartz, Felspar and Garnets.
 385 Do. Quartz, Mica and Garnets—Norra of Cronstedt.
 386 Do. Quartz, Shorl and Garnets, from Sweden.
 387 Granitell, Quartz, Felspar, Mica and Shorl.
 388 Do. Quartz, Felspar—Dr. Hutton's Granite.
 389 Do. Hornblende and Mica.
 390 Granilite, Quartz, Felspar, Mica and Garnets.
 391 Gneiss, Quartz, Felspar and Mica.
 392 Do. from Cheshire.
 393 Sili-Porphry—Felspar, Quartz, Hornblende
 394 Common Red Porphry.
 395 Black Porphry, from Guernsey,
 396 The Plumb Pudding Stone, from Hertfordshire.
 397 A polished piece, from do.
 398 The Pudding Stone from America.
 399 Do. from the East Indies.

CLASS III.

METALS.

GENUS FIRST.

PLATINA.

- 1 Platina, from Peru.

GENUS SECOND.

GOLD.

- 2 Native Gold, imbedded in Quartz, from Saxony.
 3 Do. in small grains, found at Leadhills.
 4 Auriferous Pyrites, from Adelfors in Sweden.
 5 Do. from Goldcronach, Hungary.

No.

GENUS THIRD.

QUICKSILVER.

SULPHURET OF QUICKSILVER.

- 6 Cinnabar, from China.
- 7 Do. from America.
- 8 Do. from Hungary.
- 9 Do. from do.
- 10 Do. from Potosi.
- 11 Do. from Hungary.
- 12 Do. from do.
- 13 Do. from do.

GENUS FOURTH.

SILVER.

- 14 Arboresecent Native Silver, from Honsberg in Norway.
- 15 Grey Silver Ore, from Saxony.
- 16 Plumose Silver Ore, from Freyberg in Saxony.
- 17 Red Silver Ore, from do.
- 18 Silver Ore, with streaks of Nickel, from Alva.
- 19 Silver Ore, from Anglesey.
- 20 Minera Argenti Spicæ formes, from Frankenberg, Hesse.

GENUS FIFTH.

LEAD.

OXYD OF LEAD.

- 21 Native Red Lead, from Wales.
- 22 Native White Lead, from Wales.
- 23 Yellow Oxyd of Lead, from Wales.

CARBONAT OF LEAD.

- 24 In six sided Prisms, from the Hartz Mines.
- 25 Do. from Leadhills.

No.

PHOSPHAT OF LEAD.

- 26 Phosphat of Lead, from Leadhills.
- 27 Do. do.
- 28 Do. from Somersetshire.
- 29 Do. from Zichopaic.

SULPHURET OF LEAD.

- 30 Cubic Galena or Potter's Ore, from Derbyshire.
- 31 Do. from Leadhills.
- 32 Tabular do. from Strontian.
- 33 Do. from Wales—Looking Glass Ore.
- 34 Galena, from Derbyshire.
- 35 Do. from Westmoreland.
- 36 Do. from do.
- 37 Steel grained, from the Hartz Mines.
- 38 Star grained, from do.
- 39 Antimoniated Lead Ore, from Sweden.
- 40 Do. from Leadhills.
- 41 Grey Sparry do. from Germany.

GENUS SIXTH.

COPPER.

- 42 Dendritical Native Copper, from Cornwall.
- 43 Granulated Native Copper, from do.
- 44 Solid Native Copper, from do.
- 45 Dendritical Native Copper, from do.
- 46 Laminative do. from do.

CARBONAT OF COPPER.

- 46 Mountain Blue, from Yorkshire.
- 47 Do. from Cornwall.
- 48 Mountain Blue and Green, from Quantock, Somersetshire.
- 49 Chrysocola, from Cornwall.
- 50 Malachites Copper Ore, from Cornwall
- 51 Red Carbonate of Copper, from Cornwall.
- 52 Do. crystallized, from do.
- 53 Azure do. from Norway.
- 54 Do. from Cornwall.

No.

SULPHURET OF COPPER.

- 55 Sulphuret of Copper, from Cornwall.
- 56 Do. from do
- 57 Do. from New York.
- 58 Sulphuret of Copper, from Germany.
- 59 Shiver Copper Ore, from New York.
- 60 Do. from Germany.
- 61 Yellow Copper, with Blende and Lead Ore,
Hartz Mines.
- 62 Brass Yellow Copper Ore, from Norway.
- 63 Yellowish White Copper Ore, from Derbyshire.
- 64 Yellow Copper Ore, from Norway.
- 65 Do. from Cornwall.
- 66 Do. from Norway.
- 67 Do. from the Lyonnese, France.
- 68 Do. Bubbled, from Cornwall.
- 69 Do. Flame Yellow, from do.
- 70 Do. in Quartz, from France.
- 71 Do. Granulated, from the Lonnese, France.
- 72 White Copper Ore, from Wales.
- 73 Do. do.
- 74 Do. do.
- 75 Copper Ore stamped and fit for smelting.

GENUS SEVENTH.

IRON.

- 76 Magnetical Iron Ore, from the Western Islands.
- 77 Do. from the Shore of Ilay.
- 78 Do. from Norway.
- 79 Do. do.
- 80 Do. from Sweden.
- 81 Do. from Norway.
- 82 Do. do.
- 83 Do. from America.
- 85 Do. from Norway.
- 86 Do. fine grained, from Norway.
- 87 Do. foliated, from Norway.
- 88 Do. Specular, from Arundel, Norway.
- 89 Do. Granular, from Norway.

- No.
- 90 Magnetical Iron Ore, Granular, from Norway.
 - 91 Do. do. do.
 - 92 Do. do. from Wales.
 - 93 Do. do. from Norway.
 - 94 Emery, from Turkey.
 - 95 Do. do. do.
 - 96 Do. do. do.
 - 97 Iron Sand, from Pennsylvania, America.
 - 98 Do. from New York.
 - 99 Do. from Pennsylvania.
 - 100 Do. from Germany.
 - 101 Red Solid Hæmatites, Hartz Mines, Germany.
 - 102 Do. with Crystals of Quartz and Iron.
 - 103 Do. Kidney Iron Ore, from Lancashire.
 - 104 Do. Scotland.
 - 105 Do. from Norway.
 - 106 Do. from Goldcronach, Hungary.
 - 107 Do. from Virginia.
 - 109 Do. from Usengen in Germany.
 - 110 Purple Hæmatites, Norway.
 - 111 Do. found near Renfrew.
 - 112 Do. do. do.
 - 113 Black Hæmatites, from the Levant.
 - 114 Do. from Nassau Siegen, Germany.
 - 115 Native Prussiat of Iron, Scotland.
 - 116 Tarras, from Cologne, Germany.
 - 117 Terra Puzzolana, from Naples.
 - 118 Black Ochre of Iron, Sweden.
 - 119 Pisiform Argillaceous Iron Stone, from Germany.
 - 120 Do. from Persia.
 - 121 Bog Iron Ore, from America.
 - 122 Do. from Westmoreland.
 - 123 Brush Iron Ore, from Gloucestershire.
 - 124 White Rhomboidal Spathose Iron Ore, Germany.
 - 125
 - 126
 - 127 Solid White Spathose Iron Ore, from Clundt near Clausthal, Hanover.
 - 128 Dark do. from Meldalen, Norway.

No.

- 129 Siliceous Iron Ore (Martial Jasper) Sweden.
 130 Garnet Iron Ore (Vein Stone) Scotland.
 131 Do. from Norway.
 132 Shirl Iron Ore, from the Lead Mines at Tyn-
 drum.
 133 Guhr Iron Ore, from the parish of Leathy, De-
 vonshire.
 134 Iron Stone, with Calcareous Spar and Asphal-
 tum, from Crosbasket.
 135 Iron Stone, curiously netted, with Quartz, from
 do.

SULPHURET OF IRON.

- 136 Crystallized in Polygonal Pyramids, from Corn-
 wall.
 137 Do. from Derbyshire.
 138 Do. Cuneiform, from Derbyshire.
 139 Do. in Smooth Cubes, Glasgow.
 140 Do. in Striated Cubes, do.
 141 Do. in Cubes on Calcareous Spar, from
 Cornwall.
 142 Do. in Cubes on Cauc, from Ecton, Staf-
 fordshire.
 143 Do. do.
 144 Do. from Siberia.
 145 Cylindrical, from the Chalk Pits, Surrey.
 146 Do. from Cherry Hinton, Cambridge.
 147 Globular, from the Chalk Pits, Surrey.
 148 Do. do.
 149 Do. do.
 150 Do. from Cambuslang.
 151 Compact, from Kilbryde.
 152 Do. from Surrey.
 152 Do. from do.
 153 Do. from do. polished.

GENUS EIGHTH.

TIN.

- 154 Brown Oxyd of Tin, or Tin Stone, Cornwall.

- No.
 155 Red Oxyd of Tin, from Cornwall.
 156 Brown do. from Saxony.
 157 Do. from Cornwall.
 158 Do. do.
 159 Do. with Quartz, from do.
 160 Blue Oxid of Tin, Cornwall.
 161 Do. in Tetrahedral Pyramids, Cornwall.
 162 Tin Grains, Cornwall.
 163 Do. do.
 164 Do. do.
 165 Granular Tin Ore, with Croots, Cornwall.
 166 Do. from Saxony.
 167 Do. in Quartz, from Bohemia.
 168 Tin Mineralized with Arsenic, Cornwall.
 169 Stream Tin Ore, Cornwall.
 170 Striated Wood Tin Ore, from Bohemia.
 171 Tin Sand, from Saxony.

GENUS NINTH.

BISMUTH.

- 172 Ore of Bismuth, from Sneeberg in Saxony.
 173 Do. do.
 174 Do. with Cobalt, from Ingoldstadt.
 175 Do. do.

GENUS TENTH.

NICKEL.

- 176 Regulus of Nickel, by Mr. Wolfe, and by the Rev. Mr. Mitchell.
 177 Ore of Nickel, from Saxony.
 178 Green Ochre of Nickel, from do.
 179 Nickel, with Cobalt and Silver, from do.
 180 Cupfer Nickel, from do.

GENUS ELEVENTH.

ARSENIC.

- 181 Native Arsenic or Sherben Cobalt, from Saxony.

- No.
 182 Crystallized Arsenic, from Saxony.
 183 Red Sulphuret of Arsenic—Realgar, from China.
 184 Do. from Hungary.
 185 Yellow Orpiment, from the East Indies.
 186 Crystallized Mispickel Ore of Arsenic, from Cornwall.
 187 Mispickel Ore, from Bohemia.
 188 Do. from Cornwall.
 189 Do. from Lofas, Sweden.
 190 Do. from Cornwall.

GENUS TWELFTH.

COBALT.

- 191 Grey Cobalt Ore, from Cornwall.
 192 Do. from Voightland.
 193 Do. from the Pyrennées, by Prof. Anderson.
 194 Arseniate of Cobalt, or Cobalt Bloom, from Germany.
 195 Do. from Scotland.
 196 Do. from Voightland.
 197 Earthy Cobalt, from Saxony.
 198 Do. from Alva.
 199 Do. do.
 200 Do. from Campsie.

GENUS THIRTEENTH.

ZINC.

- 201 Native Oxyd of Zinc, from Wales.
 202 Do. dirty coloured, from do.
 203 Do. cellular, from Derbyshire.
 204 Do. brown coloured, from Poland.
 205 Do. from Mendip Hills.
 206 Do. with Earth, from Derbyshire.
 207 Do. cellular.
 208 Blende in Tetrahedral Pyramids, Derbyshire.
 209 Do. do. do.
 210 Do. do. do.
 211 Do. in Octohedrons, Derbyshire.
 212 Solid Blende, from Cornwall.

- No.
 213 Solid Blende, Ruffet coloured, from the County
 Durham.
 214 Do. Wales.
 215 Do. black coloured, Derbyshire.
 216 Do. do.
 217 Do. from Cornwall.
 218 Do. from the Mine of Chaffey.

GENUS FOURTEENTH.

ANTIMONY.

- 219 Sulphuret of Antimony, from Annandale.
 220 Striated do. from Germany.
 221 Granular, from Cornwall.
 222 Crystallized in Needles, from Annandale.
 223 Do. radiated, do.
 224 Do. do.
 225 Do. do.
 226 Do. earthy, do.

GENUS FIFTEENTH.

MANGANESE.

- 227 Crystallized Oxyd of Manganese, from Lor-
 raine.
 228 Radiated do. from Warwickshire.
 229 Solid from England.
 230 Black Wad from Derbyshire.
 231 Earthy Manganese, from Somersetshire.

GENUS SIXTEENTH.

WOLFRAM.

- 232 Wolfram, from the Tin Mines Cornwall.

GENUS SEVENTEENTH.

MOLYBDENA.

- 233 Molybdæna, from South America.

CLASS IV.

INFLAMMABLE FOSSILS.

No.

- 1 Limpid Naphtha, from Russia.
- 2 Pale coloured do. from do.
- 3 Orange Naphtha, from the Hurlet, near Paisley.
- 4 Petroleum, from Russia.
- 5 Do. from near the Caspian Sea.
- 6 Do. from Mount Festin, Dutchy of Modena
- 7 Barbadoes Tar.
- 8 Asphaltum, from the shores of the Red Sea.
- 9 Do. from the Hurlett.
- 10 Do. from Sweden.
- 11 Do. from Siberia.
- 12 Do. from Ormskirk, Lancashire.
- 13 Bitumen Judaicum, brought from the Dead Sea
by Dr. Pococke.
- 14 The Pitch Stone, from the Lake of Sodom.
- 15 Do. from Shropshire.
- 16 Do. do.
- 17 Jet, from Derbyshire.
- 18 Do. from Whitby in Yorkshire.
- 19 Do. from the Hurlett, near Paisley.
- 20 Lapis Suillus, from the Nericias, Sweden.
- 21 Bituminified Wood, from France.
- 22 Do. and pyrited Wood, from Switzerland.
- 23 Do. from Somersetshire.
- 24 Do. from Sweden.
- 25 Pit or Stone Coal—Lithanthrax, from Derby-
shire.
- 26 Culm Coal, from Neath, Glamorglanshire.
- 27 Cannel Coal, from Lancashire.
- 28 Splint, Candle or Parrot Coal, Glasgow.
- 29 Kilkenny Coal Ireland.
- 30 Peat, Geanthrax, from the neighbourhood of
Glasgow.
- 31 Loose Peat, from do.
- 32 Mineral Elastic Gum, from Sweden.

- No.
 33 Ambergris, from Persia.
 34 Transparent Yellow Amber, from Prussia.
 35 Do. Reddish Yellow, from Harwich in Essex.
 36 Semi-pellucid Whitish Yellow Amber, from the Baltic.
 37 Several Specimens of Amber, some with insects.
 38 Pellucid Citrine Native Sulphur, from Somara in Siberia.
 39 Opaque Yellow Sulphur, from Solfatara, in Italy.
 40 Fine Black Lead, from Kefwick in Cumberland.
 41 Coarse do. from New England.
 42 Several Specimens of Black Lead.

APPENDIX.

Forty Specimens of Polished Marbles.

PETRIFACTIONS.

- 1 Petrified Moss from Ireland.
- 2 Petrified Wood, from Calder Moss, near Glasgow.
- 3 Do. from Loch Neagh, Ireland.
- 4 Do. from Aspley, Bedfordshire.
- 5 Fossil Coral from Loch Neagh.
- 6 Coraloid from the Hebrides.
- 7 Do. from Sicily.
- 8 Do. from Worcestershire.
- 9 Do. from Italy.
- 10 Limestone, with Corals, from Franche Comté.
- 11 Loose Corals, from Derbyshire.
- 12 Fungites Columellus, from the Duchy of Berg, Germany.
- 13 Fungitæ, from Surrey.
- 14 Millepora Tubis Ovatis, from Dudley, Worcestershire.
- 15 Mycetites, from Gloucestershire.
- 16 Tubularia, Junei Lapidei, from do.
- 17 Do. from the South of France.

- No.
 18 Tubularia, Junci Lapidei, from the South of France.
 19 Astroites, Star Stones, from Derbyshire.
 20 Astroites, Foraminosæ, from Worcestershire.
 21 Fragments of Elephant's Teeth, from Somersetshire.
 22 A large Fossil Bone, unknown, found near Lanark.
 23 Crabs, from the Isle of Sheppy, Kent.
 24 A Lobster, from do.
 26 Vertebrae of Fish, from Gloucestershire.
 27 Do. do. in Clay, from the Isle of Sheppy.
 28 Glossopetræ, or Shark's Teeth, in Stone, from Gloucestershire.
 29 Do. from Kent.
 30 Do. loose, Isle of Sheppy.
 31 A Piece of Petrified Scuttle Fish, from Islay.
 32 A large Oyster, from the Top of Benlomaond.
 33 An Oyster, from Kent.
 34 Cast of a Pectine, from Kent.
 35 Pectunculus or Cockle, from do.
 36 Pyritical Pectunculi, from do.
 37 Pectines, from Buckinghamshire.
 38 Cockles, from the Isle of Sheppy.
 39 Cockles, from Kilbryde.
 40 A mass of Cockles from Gloucestershire.
 41 A mass of do. from Derbyshire.
 42 A mass of do. from Kent.
 43 A mass of do. from France.
 44 Casts of do. from do.
 45 Mass of do. from do.
 46 A beautiful Single Cockle, from do.
 47 Cuneites, from Suffex.
 48 Do. from Switzerland.
 49 A small rugated Cuneite, from Switzerland.
 50 The Cast of a Cuneite, from France.
 51 Cuneites, in masses, from France.
 52 Pyritical Muscles, from Whitby, Yorkshire.
 53 Casts of Muscles, from the Isle of Sheppy.
 54 Muscles, from the Western Islands.

- No.
55 Muscles, from the Western Islands.
56 Lapis Syringoides, from the Isle of Sheppy.
57 Striated Dentalia, from Turin and from Sicily.
58 Cochlaë, from Kent.
59 Do. from Gloucestershire.
60 Pyritical Buccinitæ, from Kent.
61 Do. from France.
62 Do. from Northampton.
63 Do. from Piedmont, France.
64 Do. in masses, from Kent.
65 Do. in masses, from France.
66 Do. very large, from do.
67 Do. from Montz, Germany.
68 Trochi, from the Isle of Sheppy.
69 Small Nautili, from Oxfordshire.
70 Pyritical Ammonitæ, from Germany.
71 Small Ammonitæ, from Switzerland.
72 Ammonitæ, from the Clay Pits, London.
73 Do. from the Isle of Sheppy.
74 Do. from the Stone Quarries, Derbyshire.
75 Do. from Gloucestershire.
76 Striated Conchæ Anomiæ, from Gloucestershire.
77 Do. from Hanover.
78 Do. from Gloucestershire.
79 Conchæ Anomiæ Læves vel Terribatulæ, from Italy.
80 Do. do. Derbyshire.
81 Large Conchæ Anomiæ, from Germany.
82 Buccardites, from Oxfordshire.
83 Pyritical Buccardites, from Dauphiné, France.
84 Do. from Neufchatel, Switzerland.
85 Cast of a Buccardite, from Gloucestershire.
86 Oolithos, from Switzerland.
87 Fish Spawn, from Gloucester.
88 Screw Stones, from Portland.
89 Belemnites or Thunderbolt Stones, from Gloucestershire.
90 Do. imbedded in Limestone.
91 Spiculæ, found in Oxfordshire, supposed to be the down of a plant.

- No.
 92 Trochitæ, from Kilbryde.
 93 Do. do.
 94 Do. do.
 95 Mafs of Entrochi, from Derbyshire.
 96 Do. from Gloucestershire.
 97 Loose Entrochi, from Derbyshire.
 98 Mafs of do. from do.
 99 Do. do.
 100 Entrochi Asteriæ, from do.
 101 Asteriæ, from Kilbryde.
 102 Mafs of Muscles and Wilks, from Kilbryde.
 103 Siliceous Echinus Cordatus, from Surrey.
 104 Calcareous Echinus Cordatus, Kent.
 105 Do. Surrey.
 106 Siliceous Echinus Pileatus, Surrey.
 107 Calcareous do. do.
 108 Do. Kent.
 109 Echinus Galeatus, Surrey.
 110 Calcareous Echinus Ovarii, Kent.
 111 Do. do. Surrey.
 112 Echinus Discoides, Surrey.
 113 Do. do.
 114 Echinus Aculei, Surrey.
 115 Do. do.

VOLCANIC PRODUCTIONS.

- 1 Terra Puzzolana, from Italy.
 2 Do. do.
 3 Pumice Stone, from do.
 4 Do. from Vesuvius.
 5 Do. from the top of a hill, near Perigonium.
 6 Cellular Lava, from Vesuvius.
 7 Do. do.
 8 Do. do.
 9 Compact Lava, from do.
 10, 11, 12 Do. do.
 13 A Box, made of do.
 14 Scorix, from Vesuvius.
 25, 16 & 17 Do.

FINIS.